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Derwent Title: **Stabilised, non-crystallising solid herbicide compsn. - is obtd. by applying molten mixt. of aza:bi:cyclic active cpd. and crystallisation inhibitor to solid carrier**

Original Title: ☒ JP07165515A2: SOLID AGROCHEMICAL COMPOSITION

Assignee: **MITSUBISHI KASEI CORP** Standard company  
Other publications from [MITSUBISHI KASEI CORP \(MITU\)...](#)

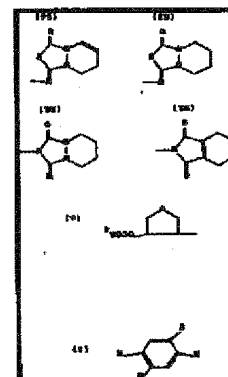
Inventor: **MUNAKATA S; NATSUME F; SUZUKI S;**

Accession/Update: **1995-261155 / 199534**

IPC Code: **A01N 43/90 ; A01N 25/08 ; A01N 43/38 ;**

Derwent Classes: **C03;**

Manual Codes: **C10-H02(Halogen [general]) , C14-V01(Herbicide (total and general))**

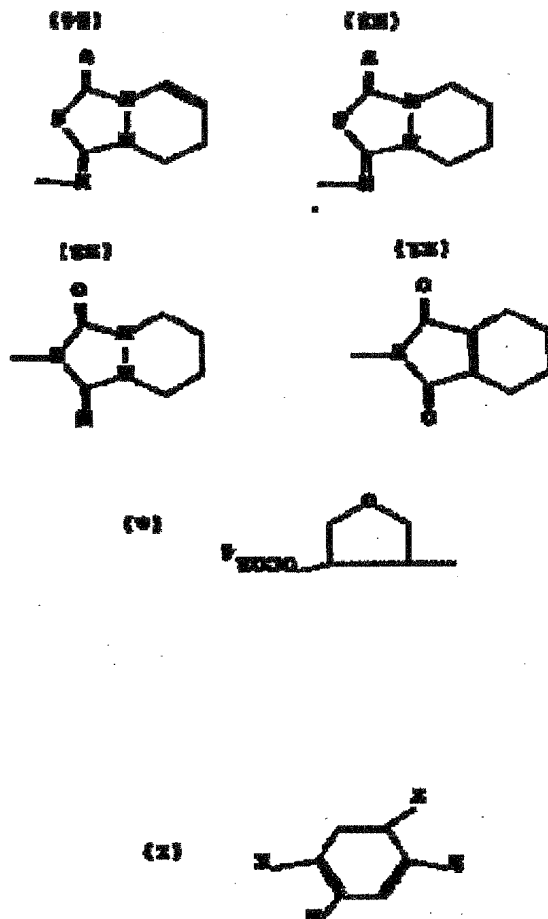


Derwent Abstract: (JP07165515A) Solid agrochemical compsn. is obtd. by: (a) melting a mixt. of at least one N-aryl-aza-bicyclic cpd. of formula (I) (as active component) and at least one crystallisation inhibitor; and (b) applying the mixt. to a solid carrier. In the formulae, W is -A-R; X is halo; or X+W is -O-CHR5-CO-NR6-; A is O or S; R is 1-6C alkyl, 2-6C alkenyl, 2-6C alkynyl, 3-6C cycloalkyl or -CR1R2-COOR3; R1 and R2 are H or 1-4C alkyl; R3 is H, 1-6C alkyl, 2-6C alkenyl, 2-6C alkynyl, 3-6C cycloalkyl, 1-6C haloalkyl or substd. tetrahydrofuryl gp. of formula (a); R4 is 1-4C alkyl; R5 is H or 1-4C alkyl; R6 is 1-6C alkyl, 2-6C alkenyl, 2-6C alkynyl or 3-6C cycloalkyl; Y is H or halo; Z is gp. of formula (Z1)-(Z4); and U is O or S.

Use - Compsn. is esp. useful as a herbicide.

Advantage - The active ingredient can be kept under stabilised conditions (without crystallisation) for a long period. The herbicidal activity is thus shown for a long time. Little damage is given to crops.

Images:



Dwg. 0/0

Family:

PDF Patent Pub. Date Derwent Update Pages Language IPC Code  
☒ JP07165515A \* 1995-06-27 199534 13 English A01N 43/90  
 Local appls.: JP1994000256848 Filed:1994-10-21 (94JP-0256848)

Priority Number:

Application Number	Filed	Original Title
JP1993000263766	1993-10-21	

Chemical Indexing Codes:

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Related Accessions:

Accession Number	Type	Derwent Update	Derwent Title
C1995-118740	C		
1 item found			

Title Terms:

STABILISED NON CRYSTAL SOLID HERBICIDE COMPOSITION OBTAIN APPLY MOLTEN MIXTURE AZA BI CYCLIC ACTIVE COMPOUND CRYSTAL INHIBIT SOLID CARRY

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